

## ABSTRACT

An electric gas lighter for generating sparks at one or more burners of a cooking range, and including a transformer having a primary winding, and a secondary winding divided into a number of coils, each having output terminals, and which are wound on respective axially adjacent portions of a substantially cylindrically symmetrical drum forming part of a supporting member made of insulating material and formed in one piece with supports projecting tangentially with respect to the drum and each supporting a respective terminal defined by a blade contact; the coils are connected electrically to one another in series to form one secondary winding, which has been obtained by winding continuously, i.e. without making cuts, an insulated electrically conducting wire onto the drum to form the coils; the wire being wound alternately onto the drum in an opposite direction for each coil; and the winding direction being inverted upon the wire engaging each terminal located axially between two adjacent coils.

(Figures 2 and 7)